



NITFS

Compliance Registration



Product: DigitalGlobe WorldView-1 (WV01) Collection and Production System, **Date:** 11 July 2011
Version 7.4, P and G Product Types
Sponsor: DigitalGlobe
Expiration: 31 August 2012
Developer: DigitalGlobe
Registration # 1059

☒ **System** ☐ **Product** ☐ **Component**

N-0105, §4.1.1 N-0105, §4.1.2 N-0105, §4.1.3

- ☐ Initial Registration
☒ Supplemental/Update #
☐ Derived from Reg. #

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

NITFS Features Implemented:

Format

- NITF**
☒ 2.1
☒ 2.0
☐ 1.1
NSIF
☐ 1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☐ OUT1
☐ OUS
☐ OMTF

Image Segment Types

- ☐ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☒ WODISPLY
☐ POLAR
☒ No Mask
☐ Mask

Image Compression

- ☒ No compression
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☒ JPEG 2000
☐ Code Stream w/o JP2
☐ Code Stream w/JP2
☒ Band
☒ Band RGB
☐ Band RGB/LUT
☒ Multiband
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

- ☒ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions
☒ Registered Extensions
☐ SATTA
☒ SSHPA

Tagged Record Extensions

- ☒ CSCCGA ☒ HISTOA
☒ CSCRNA ☒ J2KLRA
☒ CSDIDA ☒ MAPLOB
☐ CSEXRA ☐ NBLOCA
☒ CSPROA ☒ PIAIMC
☒ CSSFAA ☒ PRJPSB
☒ GEOLOB ☒ RPC00B
☒ GEOPSB ☒ STDIDC
☒ STREOB ☒ USE00A
☒ CSEPHA

Bit-Per-Pixel

- ☐ 1
☒ 8
☐ 9-16
☒ 16
☐ 17-32
☐ 32
☐ 33-64
☐ 64

Configurations Tested:

-SGI 2000 with 6 Processors, IRIX 6.5

- Legend
** NITF 2.0 only feature
* NITF 2.1 only feature
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.

BRENT L. SNYDER, Lt Col, USAF, JTF Portfolio
Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program